



# CONSTRUCTION EQUIPMENT

337095-10 VOLVO A45G 342405 - REAR AXLE



**Sample No:** VCP433478  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:** 337095-10



## SAMPLE INFORMATION

Sample Number	<b>VCP433478</b>	VCP04678469	---	---
Sample Date	<b>13 Sep 2023</b>	25 Mar 2019	---	---
Machine Hours	<b>0</b>	0	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	N/A	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

## ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD  
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 US 61350  
 Contact: ALEX MARCO  
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 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>142</b>	41.11	---	---
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## CONTAMINATION

Silicon	ppm	<b>6</b>	10	---	---
Sodium	ppm	<b>&lt;1</b>	2	---	---
Potassium	ppm	<b>0</b>	<1	---	---



## WEAR METALS

Iron	ppm	<b>126</b>	19	---	---
Copper	ppm	<b>0</b>	2	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	0	---	---
Chromium	ppm	<b>2</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>4</b>	1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>83</b>	4634	---	---
Magnesium	ppm	<b>5</b>	16	---	---
Zinc	ppm	<b>38</b>	1835	---	---
Phosphorus	ppm	<b>350</b>	1289	---	---
Barium	ppm	<b>3</b>	0	---	---
Boron	ppm	<b>4</b>	118	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO5055  
**Unique No:** 10647704  
**Signed:** Don Baldrige  
**Report Date:** 19 Sep 2023



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## GRAPHS

